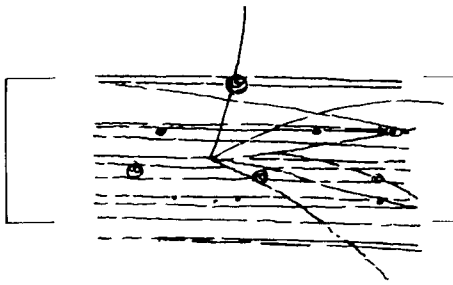

seminars

CERN PARTICLE PHYSICS SEMINAR

Tuesday, November 14
16.30
Auditorium

"K°'s East and West Progress Report"
J. Steinberger / CERN

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PHYSICS III SEMINARS

Friday, November 17
11.00
Theory Conference Room

"Current Developments at the Los Alamos Meson Facility"
E.A. Knapp / Los Alamos

Vendredi 24 novembre
11.00
Salle Théorie

"Production de fragments légers dans les interactions proton-noyau et conséquence astrophysique ".
J.P. Allard / Clermont-Ferrand

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CERN COMPUTER SEMINAR

Thursday, November 16
14.30
Council Chamber

"Computers in Education"
J. Hebenstreit / Head of the Computer Science Department
Ecole Supérieure d'Electricité / Paris

Abstract : A great deal of literature has been published on the use of computers in education. The actual use of computers in this area up to now has been mainly experimental but more and more projects exist in many countries to make it effective in the next few years.

The principal techniques : programmed learning (linear and branching), drill and practice, questionnaires, dialogues and simulation will be presented with their pro and cons.

There is right now a tendency to consider informatics as a basic science and this in turn implies a new approach towards the use of computers in education. The impact of this approach will be shown through the plans currently being drawn up in France and the United Kingdom to introduce computers in general secondary education.

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CERN COLLOQUIUM

Tuesday, November 21
16.30
Auditorium

"The Mass-radius relation of objects in the Universe, and the approa to the Schwarzschild singularity" - T. Gold / Nordita

Abstract : A discussion, with a series of slides, of the sizes of objects and their path to gravitational collapse; stars, clusters, galaxies and clusters of galaxies all have their particular hurdles in the way before they can reach the singularity. Some of these hurdles may represent the circumstances we recognize as Quasars and radio galaxies. On the largest scale there may occur singularities only a small factor less massive than our universe, nesting within it.

PRESENTATIONS TECHNIQUES

Mardi 14 novembre
de 10h.00 à 16h.30
Salle de Conférence TC-L
Bât. 17 - 1er étage

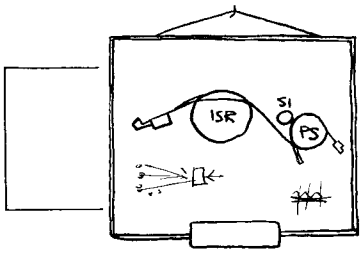
La Maison Roschi Télécomminications AG (CH), représentant Pacific Measurement (USA), Bryans (UK) et Rohde & Schwarz (D), présente :
- des appareils de mesure enregistreurs
- une large gamme d'enregistreurs XY
- des wobbulateurs d'impédance, analyseur de fréquences et émetteur de mesure à décade, etc...

Langues : allemand, anglais, français

Jeudi 16 novembre
de 9h.30 à 11h.30 - anglais
de 14h.30 à 16h.30 - français
Salle de Conférence TC
Bât. 13 - 2ème étage

La Maison Télémécanique (F) vous propose une conférence sur le thème : Traitement temps réel sur le calculateur télémécanique T 1600:
a) dispositifs hardware pour temps réel, interface utilisateur temps réel;
b) unité de traitement T 1600, production de programmes;
c) software spécifique, périphériques.

Renseignements :
M. Diraison / FIN / 4585



enseignement

ACADEMIC TRAINING

Tuesday, November 14
Thursday, November 16
14.15
Auditorium

MATHEMATICS
"Statistical methods in experimental physics"
by F. James
(Lectures 3 and 4)

Wednesday, November 15
11.00
Auditorium

HIGH-ENERGY PHYSICS
"Classical experiments in high-energy physics"
by Ch. Peyrou (Lecture 2)
(Apparently, in my first lecture some facts have been taken as common knowledge and they are not. They will be explained in this next one, and the future lectures will be modified to take into account remarks I have received and will receive - Ch. Peyrou).

Friday, November 17
11.00
Auditorium

COMPUTERS
"Large programs and their problems"
by R.K. Böck (Lecture 5)

Please note the change of date and time

November 21, 23, 28, 30
11.00
Auditorium

HIGH-ENERGY PHYSICS
"An introduction to multiple production processes"
by K. Gottfried

Abstract : These lectures are intended primarily for experimental physicists who have not been active in this field. The emphasis will be on the phenomenological aspects, on general theoretical concepts, and on simple models; complicates theoretical developments will be scrupulously avoided. Topics to be discussed : choice of kinematic variables and definition of observable quantities; scaling, limiting fragmentation, and pionization; the generalized optical theorem and multi-Regge analysis of single particle spectra; the thermodynamic model; the multi-peripheral model and the short range correlation hypothesis; the role of diffraction dissociation; multiple production by photons.